

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	392	stephen.in. same russell.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/15 16:41
L2	1	alireza.in. same pourmohammadi.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/15 16:41
L3	2	ningtao.in. same mao.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/15 16:41
L4	2	idris.in. same ahmed.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/15 16:41
L5	8	manoj.in. same rathod.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/15 16:41
L6	26	1 and spacer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/15 16:42
L7	2	("5475904").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/15 16:54
L8	16	("1508895" "1764846" "1903424" "2074663" "3150621" "3154462" "3354020" "4070217" "4498941").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/15 16:54
L9	6	("5475904").URPN.	USPAT	OR	OFF	2010/01/15 16:55
L10	37	stephen.as. same russell.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/15 16:59
L11	1300	spacer same (non-woven nonwoven)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/15 17:01
L12	496	11 and (voids void channels channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/15 17:02
L13	17	12 and (hydroentangled hydroentangling hydro- entangled)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/15 17:02
L14	1055	(428/188).OCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/15 17:05

L15	58	L14 and spacer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/15 17:05
L18	1055	(428/188).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/15 17:08
L19	4	18 and (hydroentangled hydro-entangled spunlaced spun-laced)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/15 17:09
L20	81	L14 and (nonwoven non- woven)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/15 17:11
S1	1	10/564,319	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/22 12:00
S2	353	stephen.in. same russell.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/22 12:07
S3	1	alireza.in. same pourmohammadi.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/22 12:07
S4	2	ningtao.in. same mao.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/22 12:07
S5	2	idris.in. same ahmed.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/22 12:08
S6	0	majoj.in. same rathod.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/22 12:08
S7	8	manoj.in. same rathod.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/22 12:08
S8	23	S2 and spacer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/22 12:46
S9	17	("4103058" "4741941" "4839216" "5475904" "5475904" "5575874" "5853628" "5906879" "6146580").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/22 12:59
S10	98	spacer same fabric same (nonwoven non-woven unwoven)	DERWENT	OR	OFF	2008/05/22 13:39
S11	1009	(428/188).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/22 14:00
S12	54	S11 and spacer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/22 14:00

S17	16358	(nonwoven unwoven non-woven) and (channels voids)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/22 14:13
S18	1659	S17 and spacer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/22 14:13
S19	438	S18 and hydrophilic and hydrophobic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/22 14:13
S20	11	S19 and (water adj jets)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/22 14:14
S21	773	(442/381).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/22 14:20
S22	1009	(428/188).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/22 14:21
S23	3	S21 and S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/22 14:21
S24	21	S21 and spacer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/22 14:22
S25	2	S21 and (spacer adj fabric)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/22 14:23
S26	478	(spacer adj fabric)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/22 14:23
S27	159	S26 and (nonwoven unwoven non-woven)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/22 14:23
S28	10	(spacing adj yarns) and ground	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/22 14:25
S29	28	("20020114782" "20020140258" "20030021946" "20040062903" "20040097151" "20050112975" "2792320" "4504536" "4798756" "4833016" "5385036" "5422153" "5456976" "5589245" "5651847" "5783277" "5817391" "5896758" "5902014" "6064037" "6103641" "6116059" "6156406" "6231940" "6627562" "6629724" "6840576").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/23 08:54

S30	0	10-202774	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/23 09:07
S31	1	"10202774"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/23 09:07
S32	1	russell.as. same stephen.as.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/23 09:09
S33	2	("5475904").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/23 09:22
S34	16	("1508895" "1764846" "1903424" "2074663" "3150621" "3154462" "3354020" "4070217" "4498941").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/23 09:23
S35	4	("5475904").URPN.	USPAT	OR	OFF	2008/05/23 09:24
S36	180	(nonwoven unwoven non- woven) with hydrophilic with hydrophobic	DERWENT	OR	OFF	2008/05/23 11:00
S37	6	(nonwoven unwoven non- woven) with (hydrophilic adj layer) with (hydrophobic adj layer)	DERWENT	OR	OFF	2008/05/23 11:09
S38	17	needling same (water adj jets)	DERWENT	OR	OFF	2008/05/23 12:16
S39	12	needles same (water adj jets)	DERWENT	OR	OFF	2008/05/23 12:20
S40	2	("5396689").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/18 10:31
S41	2	("5475904").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/18 12:23
S42	0	S41 and (polurethane or urethane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/18 12:24
S43	11060	spacer and (pu polyurethane urethane) and coating	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/18 12:24
S44	77	S43 and hydroentangled	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/18 12:24
S45	748	(vapor adj permeable) same (pu polyurethane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/18 12:37
S46	162	S45 same coating	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/18 12:37
S47	112	S46 and fabric	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/18 12:37

S48	101	S46 and fabric	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/12/18 12:37
S49	1	10/564,319	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/03/31 13:58
S50	1	S49 and hydroentanglement	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/03/31 13:58
S51	1	10/564,319	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/29 13:24
S52	1	S51 and fluids	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/29 13:24
S53	1816	(nonwoven non-woven spunlaced hydroentangled) and (fluid with storage)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/29 14:07
S54	179	S53 and wipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/29 14:07
S55	3311	(nonwoven non-woven spunlaced hydroentangled) and (liquid with storage)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/29 14:08
S56	278	S55 and wipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/29 14:08
S57	89	S56 and hydroentangled	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/29 14:15
S58	71	(442/384).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/29 14:25
S59	598	pre-moistened same wipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/29 14:29
S60	30	S59 and voids	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/29 14:30
S61	2	("6863960").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/29 14:33
S62	0	S61 and hydroentangling	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/29 14:33
S63	1	S61 and water	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/29 14:33

S64	127	("2257428"	"2679887"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/29 15:28
		"2862251"	"2896692"				
		"3081500"	"3081512"				
		"3354022"	"3485706"				
		"3542634"	"3574109"				
		"3597299"	"3681182"				
		"3681183"	"3695967"				
		"3695985"	"3728203"				
		"3800364"	"3855046"				
		"3860003"	"3881987"				
		"3927673"	"3929135"				
		"3949127"	"3953638"				
		"4062993"	"4101625"				
		"4116892"	"4135021"				
		"4153664"	"4207367"				
		"4223059"	"4276336"				
		"4285100"	"4333979"				
		"4342314"	"4349020"				
		"4355066"	"4404052"				
		"4414970"	"4418123"				
		"4421812"	"4522863"				
		"4525407"	"4573991"				
		"4588630"	"4600620"				
		"4603069"	"4606964"				
		"4609518"	"4629643"				
		"4657802"	"4695278"				
		"4720415"	"4741944"				
		"4758297"	"4797310"				
		"4801482"	"4808178"				
		"4816025"	"4840829"				
		"4847134"	"4891258"				
		"5116662"	"5143679"				
		"5151092"	"5156793"				
		"5167897"	"5204158"				
		"5260345"	"5268224"				
		"5320891"	"5338766"				
		"5376198"	"5431991"				
		"5451219"	"5518801"				
		"5536555"	"5567501"				
		"5587225"	"5595567"				
		"5620779"	"5623888"				
		"5626571"	"5628097"				
		"5635290"	"5658639"				
		"5662634"	"5681302"				
		"5683374"	"5683794"				
		"5691035"	"5714107"				
		"5733822"	"5804021"				
		"5830555"	"5846232"				
		"5851935"	"5853881"				
		"5891544"	"5906879"				
		"5916661"	"5919411"				
		"6015605"	"6022607"				
		"6025050"	"6027593"				
		"6054202"	"6057024"				
		"6086984"	"6106925"				
		"6203654"	"6537930")	.PN.			

S65	5	("6863960").URPN.	USPAT	OR	OFF	2009/05/29 15:34
S66	28	(hydroentangled spunlaced hydro-entangled) same liquid same wipe	USPAT	OR	OFF	2009/05/29 16:42
S67	1	substance same delivery same system same spunlaced	USPAT	OR	OFF	2009/05/29 16:46
S68	0	substance same delivery same system same hydroentangled	USPAT	OR	OFF	2009/05/29 16:46
S69	0	substance same delivery same system same needling	USPAT	OR	OFF	2009/05/29 16:46
S70	0	substance same delivery same system same needed	USPAT	OR	OFF	2009/05/29 16:46
S71	2	substance same delivery same system same spunlaced	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/29 16:47
S72	0	substance same delivery same system same hydroentangled	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/29 16:47
S73	0	substance same delivery same system same needling	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2009/05/29 16:47
S74	0	substance same delivery same system same needed	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/29 16:47
S75	2	substance same delivery same spunlaced	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/29 16:48
S76	4	liquid same delivery same spunlaced	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/29 16:48
S77	24	liquid same delivery same hydroentangled	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/29 16:48
S78	2	("6863960").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/29 17:34
S79	1	10/564,319	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/30 14:46
S80	1	S79 and permeability	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/30 14:46
S81	1	S79 and interconnections	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/30 14:48
S82	0	S79 and enable	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/30 14:49

S83	1	S79 and delivery	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/30 14:49
S84	1	S79 and fluids	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/30 15:00
S85	4	((("5475904") or ("5396689"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/30 15:12
S86	0	S85 and air	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/30 15:12
S87	0	S85 and gas	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/30 15:12
S88	2	("6863960").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/30 15:14
S89	1	S88 and spunlaced	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/30 15:18
S90	348	(442/408).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/15 14:52
S91	73	(442/384).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/15 14:52
S92	0	spacer and (hydroentangled hydro-entangled spunlaced spun-laced)	DERWENT	OR	OFF	2010/01/15 15:18
S93	345	spacer and (nonwoven non- woven unwoven)	DERWENT	OR	OFF	2010/01/15 15:19
S94	0	S93 and (hydroentangled hydro-entangled spunlaced spun-laced)	DERWENT	OR	OFF	2010/01/15 15:19
S95	6259	spacer and (nonwoven non- woven unwoven)	US-PGPUB; USPAT	OR	OFF	2010/01/15 15:19
S96	263	S95 and (hydroentangled hydro-entangled spunlaced spun-laced)	US-PGPUB; USPAT	OR	OFF	2010/01/15 15:20

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L16	2	(428/188).CCLS.	UPAD	OR	OFF	2010/01/15 17:07
L17	9	(442/381,387,389,402,408).CCLS.	UPAD	OR	OFF	2010/01/15 17:07

1/ 15/ 10 5:30:24 PM**C:\Documents and Settings\NTorres\My Documents\EAST\Workspaces\10564319.wsp**